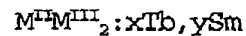


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ABSTRACT OF DISCLOSURE

10 A green light emitting from a terbium-samarium co-  
activated alkaline earth metal rare earth oxide phosphor  
which is composed of an oxygen atom and a composition of  
the formula:



15

[M<sup>II</sup> is Mg, Ca, Sr or Ba; M<sup>III</sup> is Y, La, Gd or Lu; 0<x≤0.1;  
and 0<y≤0.1] upon irradiating a radiation or ultraviolet  
rays can be favorably employed for measuring the radia-  
tion or ultraviolet rays. The green light, if desired,  
20 in combination with a red light emitting the phosphor, is  
also employable for producing a radiation image.

SECRET